

Title (en)
VERTICAL TAKEOFF AND LANDING (VTOL) AIR VEHICLE

Title (de)
LUFTFAHRZEUG MIT VERTIKALEM TAKEOFF UND LANDUNG (VTOL)

Title (fr)
VÉHICULE AÉRIEN À DÉCOLLAGE ET ATTERRISSAGE VERTICAUX (ADAV)

Publication
EP 3653499 C0 20231018 (EN)

Application
EP 19218267 A 20140505

Priority

- US 201361819487 P 20130503
- EP 14828680 A 20140505
- US 2014036863 W 20140505

Abstract (en)
[origin: US2015014475A1] A flight control apparatus for fixed-wing aircraft includes a first port wing and first starboard wing, a first port swash plate coupled between a first port rotor and first port electric motor, the first port electric motor coupled to the first port wing, and a first starboard swash plate coupled between a first starboard rotor and first starboard electric motor, the first starboard electric motor coupled to the first starboard wing.

IPC 8 full level
B64C 29/02 (2006.01); **B64C 11/32** (2006.01); **B64C 27/605** (2006.01); **B64C 39/02** (2023.01); **G05D 1/08** (2006.01)

CPC (source: EP KR US)
B64C 5/02 (2013.01 - KR); **B64C 9/00** (2013.01 - KR); **B64C 11/32** (2013.01 - EP US); **B64C 25/00** (2013.01 - KR);
B64C 27/26 (2013.01 - KR US); **B64C 27/54** (2013.01 - KR US); **B64C 27/605** (2013.01 - EP US); **B64C 29/00** (2013.01 - KR US);
B64C 29/0025 (2013.01 - US); **B64C 29/02** (2013.01 - EP US); **B64D 27/24** (2013.01 - US); **B64U 10/14** (2023.01 - EP KR US);
B64U 10/20 (2023.01 - EP KR US); **B64U 10/25** (2023.01 - EP KR US); **B64U 20/70** (2023.01 - EP KR US); **B64U 30/10** (2023.01 - EP KR US);
B64U 50/19 (2023.01 - EP KR US); **B64U 70/80** (2023.01 - EP KR US); **G05D 1/0858** (2024.01 - EP US); **B64C 2009/005** (2013.01 - KR);
B64U 50/34 (2023.01 - EP KR US); **B64U 2201/20** (2023.01 - US)

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KR20220011829A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
US 2015014475 A1 20150115; AU 2014293617 A1 20151203; AU 2018200729 A1 20180215; AU 2018200729 B2 20190207;
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SG 11201508858P A 20140505; US 2014036863 W 20140505; US 201514706905 A 20150507; US 201715638970 A 20170630;
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